

## Document Log Item

Addressing	
<b>From</b>	<b>To</b>
<Damonica.Pierson@Shell.com>	Adam Freedman/R9/USEPA/US@EPA
<b>CC</b>	<b>BCC</b>
George Robin/R9/USEPA/US@EPA	
<b>Description</b> <span>Form Used: Memo</span>	
<b>Subject</b>	<b>Date/Time</b>
RE: C6 CCS Plugging & Abandonment Plans	I#b #v%
<b># of Attachments</b>	<b>Total Bytes</b>
1	100,399
<b>NPM</b>	<b>Contributor</b>
<b>Processing</b>	
<b>Comments</b>	

Body

### Document Body

Adam and George, attached below is a schematic that visually represents the temporary and permanent P&A for the injection well. There is a note on the drawing that indicates similar P&A procedures for the monitoring well. Realizing that you originally requested two separate drawings, let me know if this will suffice.

-----Original Message-----

**From:** Freedman.Adam@epamail.epa.gov [mailto:Freedman.Adam@epamail.epa.gov]

**Sent:** Tuesday, February 09, 2010 6:18 PM

**To:** Pierson, Damonica M SEPCO-SWE

**Cc:** robin.george@epa.gov

**Subject:** C6 CCS Plugging & Abandonment Plans

Damonica,

In Attachment Q of your permit application, C6 describes their general plugging and abandonment (P&A) plans. I am requesting that C6 submit schematics (similar to Figure M-1) that will complement that written description. The schematics should visually represent both the temporary and permanent P&A plans as submitted (two separate schematics should be prepared), showing where the cement plugs will be, where mud will be used, an accurate portrayal of the wells after any of the temporarily installed monitoring equipment is removed, and the depths of relevant geologic formations. For guidance, on this website (<http://www.epa.gov/region09/water/groundwater/uic-permits.html#lapaloma>) click on the Final Permit for La Paloma Generating Company and see Figures 9a and 9b. If you have any questions, please feel free to contact me. Thank you.

Adam Freedman  
Environmental Scientist, Underground Injection Control  
U.S. Environmental Protection Agency, Region 9  
75 Hawthorne Street (WTR-9)  
San Francisco, CA 94105-3901  
415.972.3845



freedman.adam@epa.gov - TA\_PA well schematic Injection Well.ppt